

FIG. 1

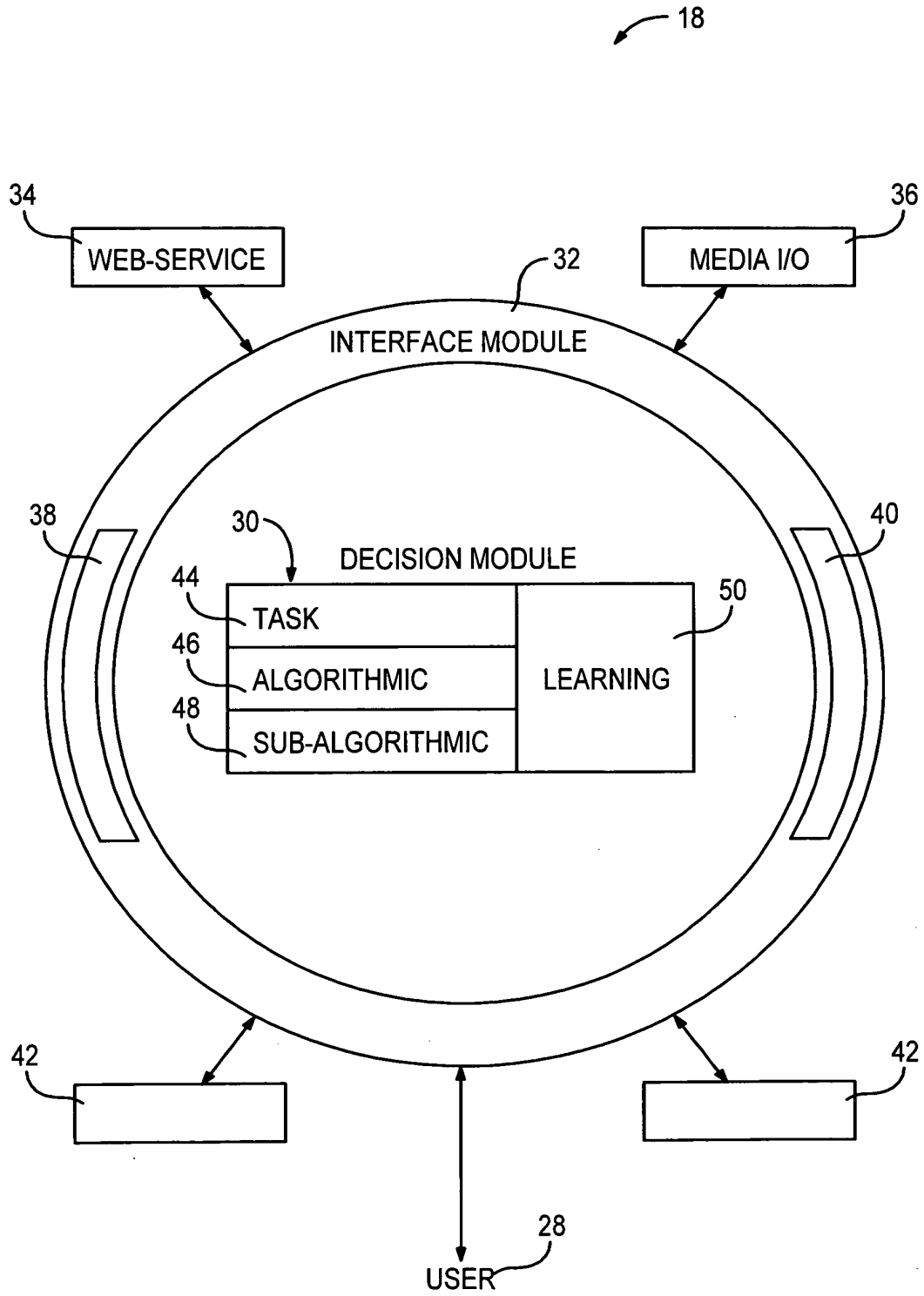
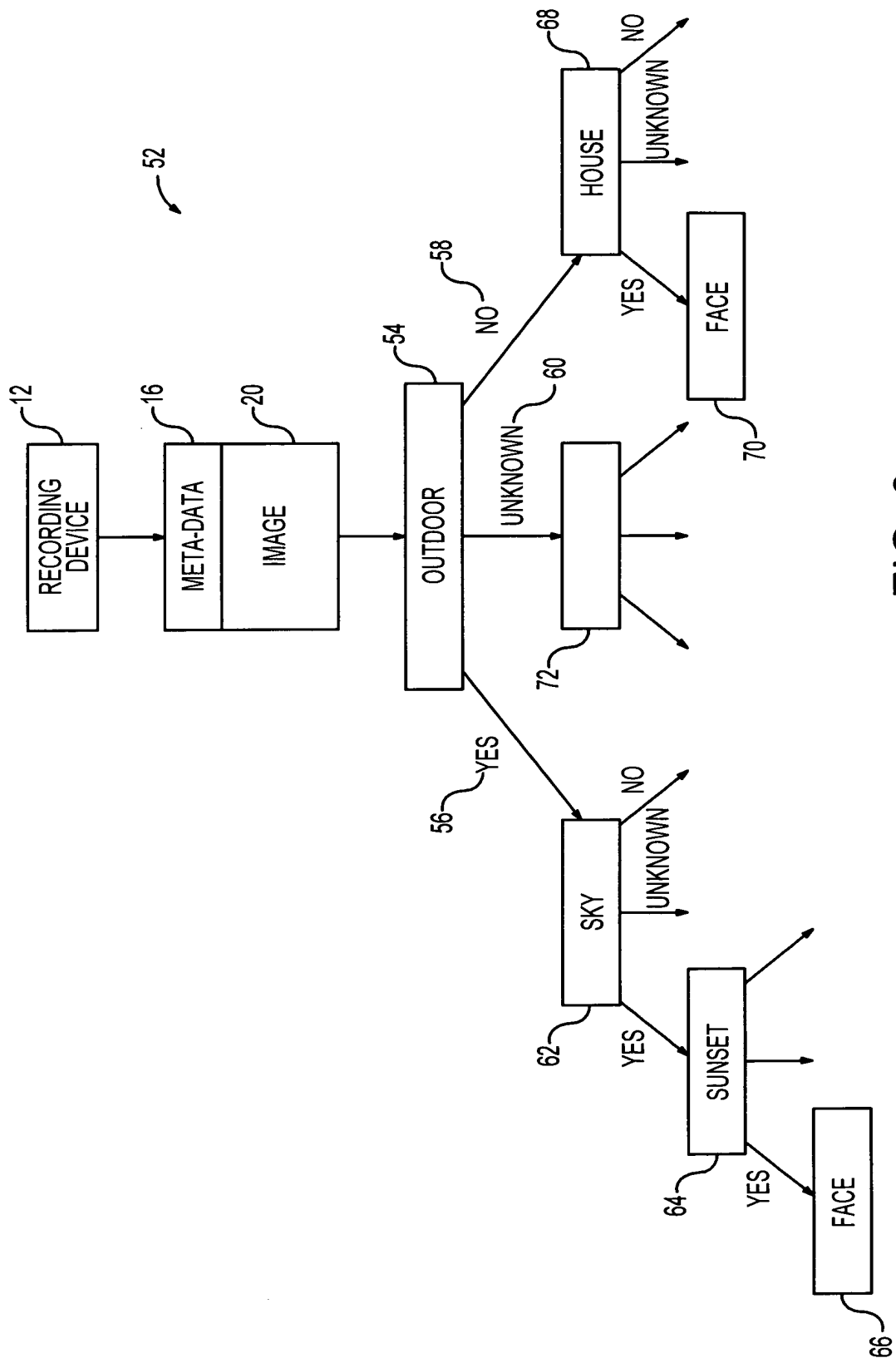


FIG. 2



74

KNOWLEDGE	ALGORITHM
DEFAULT	FACE DETECTION I
OUTDOOR/SKY/SUNSET	FACE DETECTION II
NOT OUTDOOR/HOUSE	FACE DETECTION III
...	

FIG. 4

76 →

ALGORITHM	STORAGE			
FACE DETECTION I	28	326	...	832
FACE DETECTION II	98	328	...	896
FACE DETECTION III	18	392	...	823

78 ↗

80 ↗

82 ↗

FIG. 5

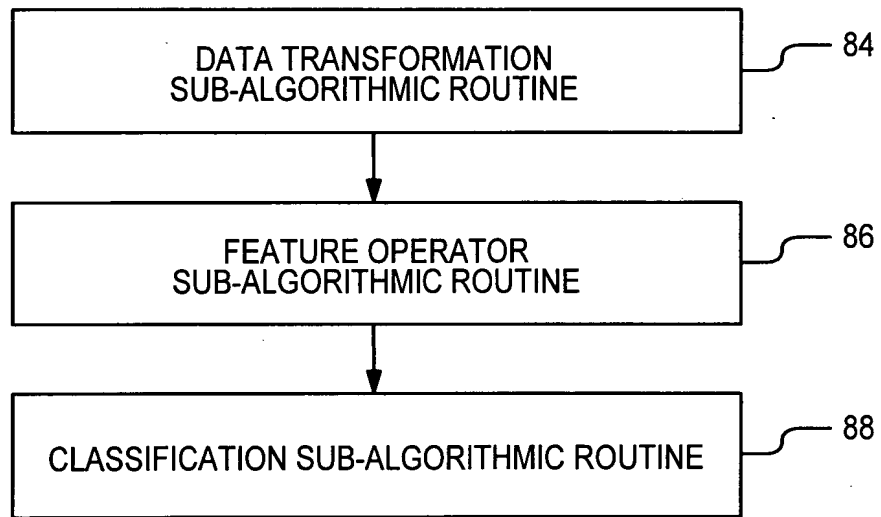


FIG. 6

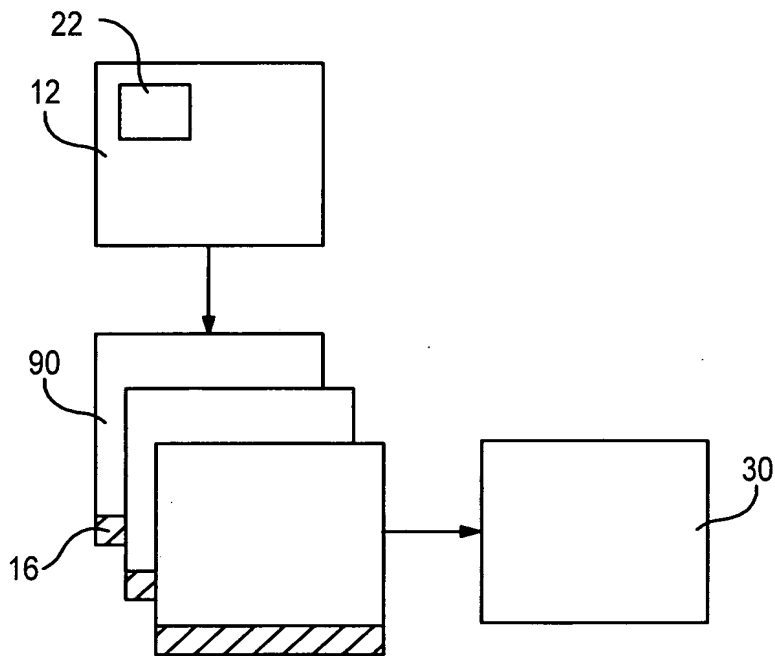


FIG. 7

92

TRAINING IMAGE	IDENTIFIED CLASSES
1	<i>a c d g f</i>
2	<i>d f m</i>
3	<i>d g m f</i>
4	<i>e m a f</i>
...	

FIG. 8

94

FREQUENCY DISTRIBUTION	<i>a f e d g m c...</i>
---------------------------	-------------------------

FIG. 9



96

TRAINING IMAGE	FIRST ORDER	SECOND ORDER	...	FINAL ORDER
1	<u>a</u> cdgf	<u>a</u> fdg		afdg
2	<u>f</u> dm	<u>f</u> dm		fdm
3	<u>f</u> dgm	<u>f</u> dmg		fdmg
4	<u>a</u> emf	<u>a</u> fem		afme
...				

98 100 102

FIG. 10

104

106	ORDER GIVEN <i>a</i>	<i>f m g c e d ...</i>
108	ORDER GIVEN <i>a f</i>	<i>m d e g c ...</i>
	ORDER GIVEN <i>f</i>	<i>d g m ...</i>
	ORDER GIVEN <i>f d</i>	<i>m g ...</i>
	...	

FIG. 11

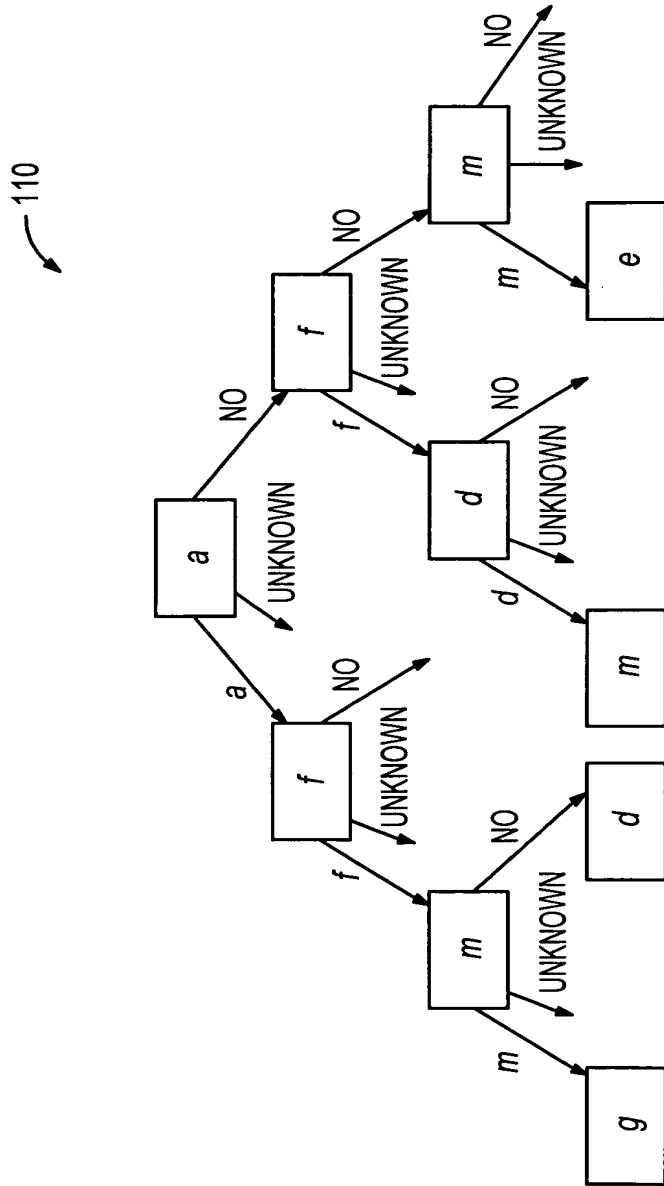


FIG. 12

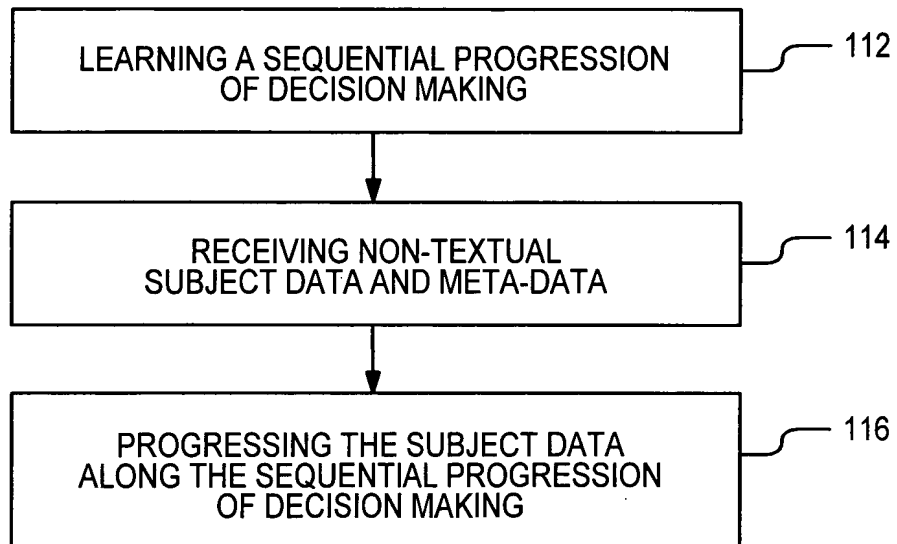


FIG. 13